



## PATENT ABSTRACTS OF JAPAN

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**UEDA KOUJI****(54) NOZZLE CLEANER FOR ARC WELDING****(57) Abstract**

**PURPOSE:** To obtain an arc welding nozzle cleaner which can remove easily spatter stuck thickly on all the nozzle internal face of a welding nozzle and the top end face.

**CONSTITUTION:** This cleaner consists of a cleaner body 1 and a driving mechanism 2 of the cleaner body 1. The cleaner body 1 is composed of a ring like 1st rotary cleaner head 6 in order to remove a sticking spatter at the top end part of a nozzle and a 2nd rotary cleaner head 8 being inserted into the central hole of the cleaner head and composed of a cylindrical brush member 8a freely expanding and contracting to the radius direction in order to remove the sticking spatter at the internal face of the nozzle. The driving mechanism is composed of a motor 11 to rotate both heads, a cylinder 20 to lift the rotary head up and down and the up and down lifting transmission member 10.

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